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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>		<b>Attorney Docket Number</b> 23546-08149	
		<b>First Named Inventor</b> Susan Gregory	
		<b>Title</b> MOUSE MODEL FOR BONE METABOLISM	
		<b>Express Mail Label No.</b> EV342133774US	

**APPLICATION ELEMENTS**

1. ☒ Fee Transmittal Form (deposit authorization)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27

3. ☒ Specification Total Pages 112  
*(preferred arrangement set forth below)*

- Descriptive Title of the Invention
- Cross Reference(s) to Related Case(s)
- Statement Regarding Fed sponsored R & D
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawing(s)
- Detailed Description
- Claim or Claims
- Abstract of the Disclosure

4. ☐ Drawing(s) (35 U.S.C. 113) Total Sheets

5. Oath or Declaration

a. ☐ New Declaration Total Pages

☐ Executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*

i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))

8. ☐ Certified Copy of Priority Document(s) *(if foreign priority  
is claimed)*

9. ☐ Power of Attorney or Authorization of Agent

10. ☐ 37 CFR 3.73(b) Statement

11. ☐ Preliminary Amendment

12. ☐ Information Disclosure Statement & PTO-1449  
☐ Copies of IDS Citation(s)

13. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent

14. ☒ Return Postcard

15. ☒ Sequence Listing and diskette

16. ☒ Statement to Support Filing and Submission

17. ☐

**ADDRESS TO:**

**Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231**

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number and Bar Code Label

**0035807**

<b>Name (Print/Type)</b>	Susan T. Hubl, Ph.D. Patent Agent	<b>Registration No. (Attorney/Agent)</b>	47,668
<b>Signature</b>		<b>Date</b>	9/17/03

23546/08149/SF/5107081.1



EXPRESS MAIL NO: EV342133774US

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$ 840.00)****Complete if Known**

Application Number	NEW APPLICATION
Filing Date	September 17, 2003
First Named Inventor	Susan Gregory
Examiner Name	Not yet known
Art Unit	Not yet known
Attorney Docket No.	23546-08149

**METHOD OF PAYMENT** (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account:

Deposit Account Number 19-2555

Deposit Account Name Fenwick &amp; West LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$ 750)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
25	-20** = 5	18	90
Independent Claims	2	-3** = 0	
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				

**SUBTOTAL (2) (\$ 90.00)**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) (\$ 0.00)**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Name (Print/Type)

Susan T. Hubl, Ph.D. Patent Agent

Registration No.  
(Attorney/Agent)

47,668

**Complete (if applicable)**

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Signature

Susan T. Hubl

Date

9/17/03

23546/08149/SF/5107085.1

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